SBR No.93/20-21
DATED 30-1-2021

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

EE/ELE/Y/BR.No.93/20-21
Dt.30-1-2021

No. 1st & Final bill
Date.....2010

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Job Code :-005-20-000055**

Schedule Docket No. Head of Account : P-CODE:P 0287 D.R.No. :

Name of Work : *Providing and laying Aerial Bunched Cables/poles/panel boards to Palanahalli road in ward no 5.*

Name of Contractor and Full Address: **M/s Power Mac**

Reference to Agreement No:EE/Ele/YZ/WO/000027/20-21 Date:29/07/2020

Certified that the measurements were taken by me on 19/12/2020 and recorded of Pages 257030 to 7032 of measurement Book No. 2571/14-29 and that the work is satisfactorily executed.

For POWER MAC

Proprietor

Contractor

T.A. Bal

Officer-in-charge of work

Certified that the measurement were taken by me on 9/12/20 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-Division Officer
BBMP, Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Bill:- 786135=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 1% 7861=00 ✓
3)	" Balance	LWC 1% 7861=00 ✓
4)	Deduct Payment:	CESS 1% 786=00 ✓
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	Cost 1% 7020=00 ✓
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Cost 1% 7020=00 ✓
		deductions. 30548=00 ✓
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Cheque= 7,55,587=00 ✓
7)	Net amount due to or from Contractor	unadjustments items.
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

For POWER MAC
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

For POWER MAC

Proprietor

(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Proprietor

Stamp

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

ಶೀರ್ಷಿಕೆ p0287 m&R to electrical
ರೂ: 786135=00 ಆಡಿಟ್ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ
ರೂ: 7,55,587=00 ನಿವ್ವಳ ಪಾವತಿಗಾಗಿ
ರೂ: 30,548=00 ಕೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

Executive Engineer

ಲೆಕ್ಕ ಪರಿಶೋಧಕರು ಕಾ.ಇ.(ವಿ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description	Ur	Pre
	Name Of Work:- Providing and laying Aerial Bunched Cables/poles/panel boards to Palanahalli road in ward no 5.		
1	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM KPWD ELE SR 2014-15	Per M	
2	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per M	
3	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).34/5.11 KPWD ELE SR 2014-15	MTR	
4	1.1 KV Pin Insulator 34/5.9.1 KPWD ELE SR 2014-15	Nos	
5	No. 8 Strain Insulator 33/5.4.3 KPWD ELE SR 2014-15	Nos	
6	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.26/5.14.1	Each	
7	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Each	
8	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm40/6.4.4	Mtrs	
9	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm41/6.5.1	Mtrs	
10	Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.,complete.41/6.6.1	Mtrs	
11	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.6 sqmm 6/2.3.3	Mtrs	
12	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5)Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure. 7) transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	No	
	Total Rs		
	Add GST Item No 06 to 11 Rs 356130.00 @ 12%		
	Total Rs		

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily

Assistant Executive Engineer (Ele)
BBMP, Bangalore

vious Measurement		Present Measurement			Total Upto Date		Rem arks
ty	Cost	Qty	Rate	Amount	Qty	Cost	
		1496	140	209440.00	1496	209440.00	
		1496	10	14960.00	1496	14960.00	
		1997	30	59910.00	1997	59910.00	
		68	40	2720.00	68	2720.00	
		20	12	240.00	20	240.00	
		52	4500	234000.00	52	234000.00	
		52	1900	98800.00	52	98800.00	
		97	140	13580.00	97	13580.00	
		93	30	2790.00	93	2790.00	
		60	76	4560.00	60	4560.00	
		40	60	2400.00	40	2400.00	
		2	50000	100000.00	2	100000.00	
				743400.00		**743400.00**	
				42735.60		54735.60	
				786135.60		**798135.60**	